

## REMARKS

Claims 11-15 and 18-22 are pending in this application, with claims 15 and 18-22 currently under examination. By this paper, claim 15 is amended.

The Office rejected claims 15 and 18-22 under 35 U.S.C. § 102 as anticipated by U.S. Patent 1,112,991 to Dufner ("Dufner"). Applicants respectfully traverse the rejection.

Amended claim 15 requires a zigzag cutting structure formed of at least three cutting plates, each cutting plate having a cutting edge that extends from a first free end to a second free end, and that the cutting plates have a rectangular cross section from the first free end to the second free end. The cutting edge of Dufner does not meet the limitations of amended claim 1. First, Dufner has a number of cutting blades that are corrugated or bent to achieve their pattern or shape, rather than being formed of individual cutting plates forming a zigzag structure. Second, Dufner does not have a cutting edge that extends from a first free end to a second free end. Third, because the knife of Dufner is corrugated, Dufner does not have a rectangular cross section from a first free end to a second free end. As Dufner does not satisfy the limitations of claim 1, claim 1 is not anticipated by Dufner. Claims 18-22, which depend from claim 1, are also not anticipated by Dufner.

With respect to claims 18-19, these claims are patentable over Dufner as being dependent upon claim 1 and for their further recited patentable features. Specifically, claims 18 and 19 require asymmetrical cutting edge surfaces. In contrast, Dufner has symmetrical blades as shown in Figures 3, 5 and 7. Dufner's symmetrical blades are bent

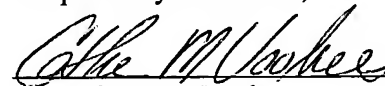
into a series of corrugations (Dufner, lines 71-72). As Dufner does not satisfy the claim limitation of asymmetrical cutting surfaces, Dufner does not anticipate claims 18 and 19.

With respect to claim 22, it is noted that the cutting structure of Dufner has two cutting blades that are fixed to each other at their ends (See Fig. 4 of Dufner). Accordingly, Dufner cannot satisfy the claim limitation "wherein the cutting structure is formed by two types of cutting plates arranged alternately and at a specific opening angle to each other." Because the ends of each blade are fixed to each other, the blades of Duffner do not have a specific opening angle to each other. Therefore, Dufner does not meet the required claim limitation and cannot anticipate claim 22.

In light of the arguments presented above, it is submitted that present claims 15 and 18-22 are allowable over the Dufner reference. Applicant respectfully requests that the Examiner reconsider and withdraw the rejection under 35 U.S.C. §102. Applicant believes that a full and complete reply has been made to the outstanding Office Action and, that the present application is in condition for allowance. Accordingly, Applicant requests that the Examiner issue a Notice of Allowance indicating the allowability of claims 15 and 18-22 and that the application be passed to issue. If the Examiner believes, for any reason, that personal communication will expedite prosecution of this application, the Examiner is hereby invited to telephone the undersigned at the number provided.

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Respectfully submitted,



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